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## Facsimile Cover Sheet

To: United States Patent & Trademark Office      Fax: 571-273-8300  
From: William A. Munck  
Date: August 4, 2006      Client/Matter: STMI01-99186

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Amendment and Response to Final Office Action for U.S. Serial No. 09/591,621 filed June 9, 2000

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DOCKET NO. 99-B-186  
CLIENT NO.: STMI01-99186  
Customer No. 30425

PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of: Vidyabhushan Gupta  
 Serial No.: 09/591,621  
 Filed: June 9, 2000  
 For: SYSTEM AND METHOD FOR DESIGNING AND  
 OPTIMIZING THE MEMORY OF AN EMBEDDED  
 PROCESSING SYSTEM  
 Group No.: 2128  
 Examiner: Herring-der Day

**MAIL STOP AF**  
 Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

**CERTIFICATE OF FACSIMILE TRANSMISSION**

The undersigned hereby certifies that the following documents:

- 1) Amendment and Response Under 37 C.F.R. § 1.116

relating to the above application was faxed to 571-273-8300 on August 4, 2006.

Date: Aug 4, 2006

Date: Aug 4, 2006

*[Handwritten signature]*

Faxer

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Arlington, VA 22313-1450

Sir:

AMENDMENT AND RESPONSE UNDER 37 C.F.R. § 1.116

In response to the Final Office Action dated June 6, 2006, please amend the above-identified patent application as follows.